INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/014208

	PCT/JP2005/014208			
A. CLASSIFICATION OF SUBJECT MATTER H01L21/8234 (2006.01), H01L27/088 (2006 H01L27/092 (2006.01), H01L27/08 (2006.0 H01L29/78 (2006.01)	1), H01L21/76 (2006.01),			
According to International Patent Classification (IPC) or to both nation	al classification and IPC			
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by c				
H01L21/8234 (2006.01), H01L27/088 (2006 H01L27/092 (2006.01), H01L27/08 (2006.0	.01), H01L21/8238 (2006.01),			
H01L29/78 (2006.01)				
	ent that such documents are included in the fields searched itsuyo Shinan Toroku Koho 1996-2005 oroku Jitsuyo Shinan Koho 1994-2005			
Electronic data base consulted during the international search (name of	data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category* Citation of document, with indication, where a				
X JP 06-268162 A (Sumitomo Met Y Ltd.),	2,5			
22 September, 1994 (22.09.94) Par. Nos. [0002] to [0004]; 1 (Family: none)), Fig. 4			
<pre>Y JP 05-082637 A (Sony Corp.), 02 April, 1993 (02.04.93), Par. Nos. [0002] to [0004] (Family: none)</pre>	2,5			
X Further documents are listed in the continuation of Box C.	See patent family annex.			
* Special categories of cited documents: 'A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed	T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family			
Date of the actual completion of the international search 18 October, 2005 (18.10.05)	Date of mailing of the international search report 25 October, 2005 (25.10.05)			
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer .			
Form PCT/ISA/210 (second sheet) (April 2005)	Telephone No.			

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/014208

		PCT/JP2005/014208	
Continuation)	DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant	ant passages	Relevant to claim No.
X	JP 2003-060025 A (Samsung Electronics Co Ltd.), 28 February, 2003 (28.02.03), Par. Nos. [0010] to [0013]; Figs. 21 to 2 & US 6566207 B2 Column 2, line 58 to column 3, line 65; Figs. 3A to 3E & KR 387531 B		6-8 9-12
Υ	JP 60-137024 A (Matsushita Electronics C 20 July, 1985 (20.07.85), Full text; all drawings (Family: none)	Corp.),	9-12
Y	JP 07-283302 A (Kawasaki Steel Corp.), 27 October, 1995 (27.10.95), Full text; all drawings (Family: none)		13-16
Y	JP 05-047919 A (Sony Corp.), 26 February, 1993 (26.02.93), Par. No. [0024]; Fig. 2C & US 5236861 A Column 4, lines 59 to 65; Fig. 3F		13-16
Y	<pre>JP 10-135448 A (Sharp Corp.), 22 May, 1998 (22.05.98), Full text; all drawings (Family: none)</pre>		17
Υ	JP 06-029525 A (Fuji Electric Co., Ltd. 04 February, 1994 (04.02.94), Par. No. [0010]; Fig. 3(c) (Family: none)),	17
P,X	JP 2004-296754 A (Matsushita Electric Industrial Co., Ltd.), 21 October, 2004 (21.10.04), Full text; all drawings (Family: none)		1-12
	·		